# Orange Cyberdefense



## **ICS Malware Cleaner**

# Protect your Industrial Control Systems against infected USB devices

USBs: a key vector of cyber-attacks in industrial environments

USB devices are often used to update Industrial Control Systems and therefore are a common way to introduce malware into Operational Technology (OT) systems.



#### Protect and maintain the integrity of your operations

By detecting, isolating and deleting malicious programs, ICS Malware Cleaner protects your organization from:

- Data modifications
- Data destruction or theft
- Production stoppages
- Industrial process disruptions
- Availability loss



Available in four formats adapted to different usage and operational environments: customizable kiosk, nomad, "mini-terminal" or software version

## Key usages of USBs

- Transfers of configuration files to isolated production cells
- Updates of SCADA, DCS, BMS and CTM software
- Updates of PLC programs, firmware controllers and Computer Numerical Control (CNC)
- Production data collection



#### Malware Cleaner key features

#### Extensive malware detection

A combination of 8 market-leading antivirus software

#### Remote analysis

Remotely analyze suspected files

## In-depth analysis

Analysis of folders and files including
FAT16, FAT32, NTFS, EXT2, EXT3, EXT4,
UFS and exFAT
Image scan including iso, qcow2, vdi,
vmdk, vhd, ova
Encrypted file support including zip, rar,
Luks, Bitlocker



Scan Android smartphones for malware

#### Safe data extraction

Save data from an infected device to a secure workstation



Workstation protected by local agent does not accept any usb device that has not been analysed by Malware Cleaner

#### Malware Cleaner: more than a basic decontamination solution



#### **Actionable**

- Easy integration with threat detection and SIEM platforms including Journald, Rsyslog, Qradar...
- Real-time information: number of analysis, infected files or attacks



#### **Flexible**

- Adaptation to your security policy
- Customization of terminal branding
- Nomad version available on a USB stick



### **Engaging**

- Fosters end-user security posture in practice
- Videos displayed on the Malware Cleaner screen promote cyber awareness

